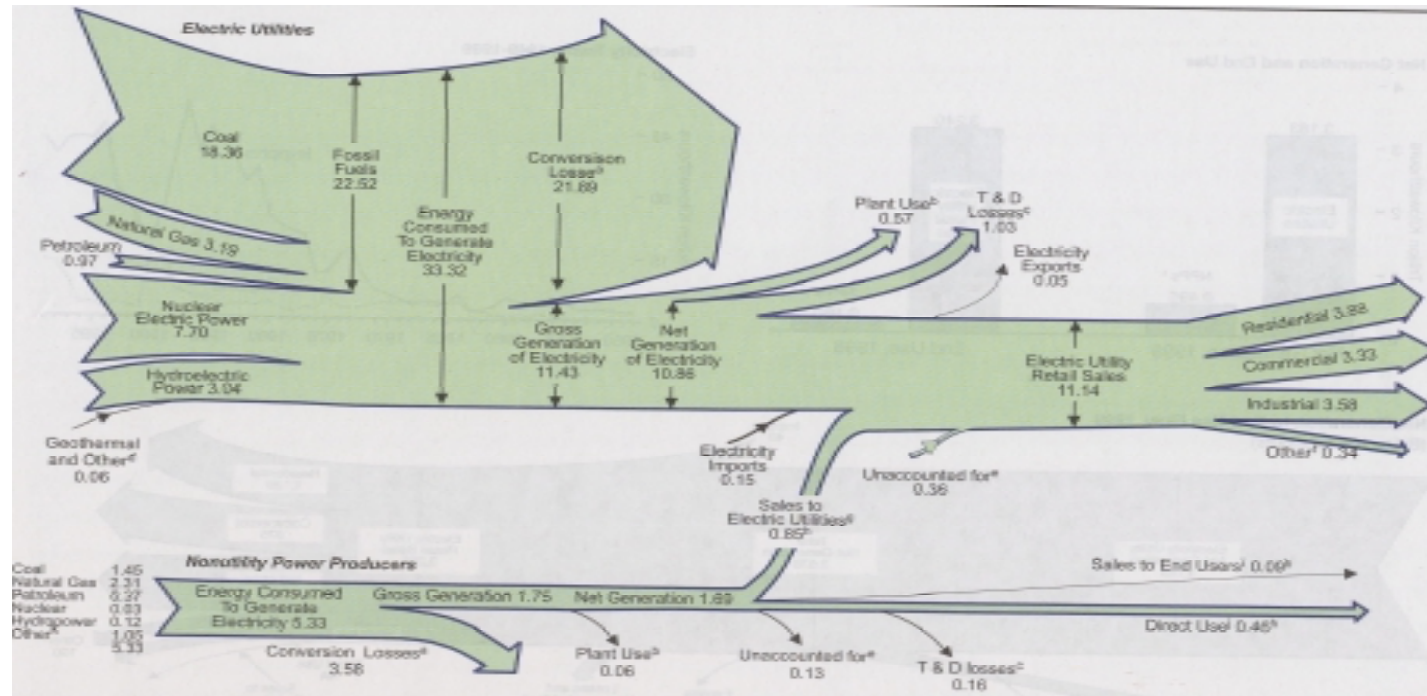




# Typical Electricity Losses



Source: U.S. DOE/EIA *Annual Energy Review* 1999



# Impact of 20% End-Use Efficiency

Energy used by electric power plants	—	Generating Losses	—	T&D Losses	=	Consumption
33.3 quads	—	21.9 quads (~66% loss)	—	1.0 quads (~4.7% loss)	=	11.1 quads
26.7 quads	—	17.5 quads (~66% loss)	—	0.8 quads (~4.7% loss)	=	8.8 quads
Save ~ 6.7 quads						Save ~ 2.1 quads



# 20% Supply & End Use Efficiency

Energy used by electric power plants	—	Generating Losses	—	T&D Losses	=	Consumption
33.3 quads	—	21.9 quads (~66% loss)	—	1.0 quads (~4.7% loss)	=	11.1 quads
18.6 quads	—	9.8 quads (~53% loss)	—	0.4 quads (~3.8% loss)	=	8.8 quads
Save ~ 14.7 quads						Save ~ 2.1 quads